Lab for Advanced Anatomical Principles

**1.**

**Course Number:** KINE 7970-004

**Course Title:** Lab forAdvanced Anatomical Principles

**Credit Hours:** semester hours (1 LAB)

**Prerequisities:** None

**Corequisites:** KINE 7970-003Advanced Anatomical Principles

**2.**

**Date Syllabus Prepared:**

Template syllabi: November, 2010

**3.**

**Text or Major Resources:**

Instructor created packet

Kapit & Elson (2002). The Anatomy Coloring Book (3rd Edition). McGraw-Hill, New York, N.Y.

Floyd, R.T. (2007). Manual of Structural Kinesiology (16th Edition). McGraw-Hill, New York, N.Y.

**4.**

**Course Description:**

This course is designed to give the graduate student a more visual representation of the structure and function of the musculoskeletal system.

**5.**

**Course Objectives:**

To gain a basic understanding of:

Anatomical terminology

Joint structure and function

Musculoskeletal structure and function

How muscles cross joints to produce movement in opened chain movements

How muscles cross joints to produce movement in closed chain movements

**6.**

**Course Content and Schedule:\***

Class1: Review syllabus, expectations, introduction to anatomical terms, planes, axes and movements (Lab 1 assigned and due, Lab 2 assigned)

Class 2: Bones and joints (Lab 2 due, Lab 3 assigned)

Class 3: Muscle, introduce nervous system (Lab 3 due, Lab 4 assigned)

Class 4: Ankle and injury mechanism (Lab 4 due, Lab 5 assigned)

Class 5: Knee and injury mechanism (Lab 5 due, Lab 6 assigned)

Class 6: Review & Midterm

Class 7: Hip & pelvic girdle: with injury and training considerations (Lab 6 due, Lab 7 assigned)

Class 8: Pelvic girdle: with injury and training considerations (Lab 7 due, Lab 8 assigned)

Class 9: Spine and injury mechanisms

Class 10: Shoulder girdle and injury mechanisms (Lab 8 due, Lab 9 assigned)

Class 11: Shoulder and injury mechanisms (Lab 9 due, Lab 10 assigned)

Class 12: Elbow and injury mechanisms (Lab 10 due, Lab 11 assigned)

Class 13: Wrist & hand and injury mechanisms (Lab 11 due, Lab 12 assigned)

Class 14: Review for Final, Final will be given at the scheduled time

\*Tentative schedule – subject to change depending on student progression

**7.**

**Course Requirements/Evaluation:**

|  |  |
| --- | --- |
| Lab 100% | 100-90 A |
|  | 89-80 B |
|  | 79-70 C |
|  | 69-60 D |
|  | <59 F |

**8.**

**Class Policy Statements:**

1. The student is responsible for all course material. All quizzes and exams will be announced. No make-up quizzes will be allowed and a score of 0 will be recorded for missed assignments\*

\*Only applicable to unexcused absences. Please refer to the *Tiger Cub* for the definitions of excused absences.

b. Students are expected to participate in all class discussions and participate in all class discussions and participate in all exercises. It is the students’ responsibility to contact the instructor if assignment deadlines are not met. Students are responsible for initiating arrangements for missed work.

c. Honesty Code: The University Academic Honesty Code and the *Tiger Cub Rules and Regulations pertaining to Cheating* will apply to this class.

d. Disability Accommodations: Students who need accommodations in class, as provided by the American Disabilities Act, should arrange a confidential meeting with the instructor during office hours the first week of classes- or as soon as possible if accommodations are needed immediately. You must bring a copy of your Accommodations Memo and an Instructor Verification form to the meeting. If you do not have these forms but need accommodations, make an appointment with the Program for Students with Disabilities, 1244 Haley Center, 844-2096.

e. Professionalism: As faculty, staff, and students interact in professional settings, they are expected to demonstrate professional behaviors as defined in the College’s conceptual framework. These professional commitments or dispositions are listed below:

- Engage in responsible and ethical professional practices

- Contribute to collaborative learning communities

- Demonstrates a commitment to diversity

- Model and nurture intellectual vitality